

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: Jonathan Vennerstrom, Yuanqing Tang, Yuxiang Dong, Jacques Chollet, Hugues Matile, Maniyan Padmanilayam, and William N. Charman  
For: SPIRO AND DISPIRO 1,2,4-TRIOXOLANE ANTIMALARIALS,

the specification of which is being transmitted herewith.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. Copies of the listed references are enclosed. The Examiner is requested to consider the references and make them of record.

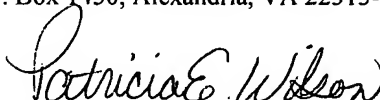
Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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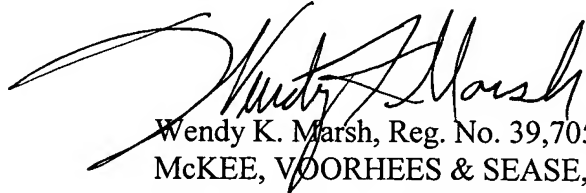
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Patricia E. Wilson  
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The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Wendy K. Marsh", is written over the typed name and address.

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- pw -

Attorneys of Record

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	VENNERSTROM, Jonathan L.
				Art Unit	
				Examiner Name	
				Attorney Docket Number	P04559US01
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	VENNERSTROM, Jonathan L.
		Group Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	P04559US01

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		KUEL, HELMUT: "Über Konstitution und Entstehung der Ozonide von Bis-adamantyliden und Bis-Bicyclo '3.3.1'non-9-yliden" <u>CHEMISCHE BERICHTE</u> , vol. 108, No. 4, 1975, pages 1207-1217, XP002217805	
		TABUCHI, T: "Ozonolysis of vinyl ethers in the presence of $\alpha$ -diketones and $\alpha$ -keto esters", <u>J. ORG. CHEM.</u> , vol. 56, 1991, pages 6591-6595, XP001117555	
		DUSSAULT, P.J.: "Selectivity in Lewis acid-mediated fragmentations of peroxides and ozonides; application to the synthesis of alkenes, homoallylethers, and 1,2-dioxolanes", <u>PERKIN TRANS</u> , vol. 1, 2000, pages 3006-3013, XP001117556	
		GRIESBAUM, KARL, "Diozonides from Cozonolyses of Suitable O-Methyl Oximes and Ketones", <u>TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL</u> , vol. 53, no. 15, 14 April 1997, pages 5463-5470 XP004105588	
		MESHNICK, S: "Artemisinin and the Antimalarial Endoperoxides: From Herbal Remedy to Targeted Chemotherapy", <u>MICROBIOLOGICAL REVIEWS</u> , AMERICAN SOCIETY FOR MICROBIOLOGY, WASHINGTON, DC, US, vol. 60, no. 2, 1 June 1996, pages 301-315, XP002052313	
		JEFFORD, CHARLES W: "Peroxidic Antimalarials", <u>ADVANCES IN DRUG RESEARCH</u> , ACADEMIC PRESS, LONDON, GB, vol. 29, 1997, pages 271-325, XP002119844	

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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